

What is claimed is:

[Claim 1] A method of extinguishing fire from fire containing surfaces, comprising the step of: applying crushed glass to said surface, whereby intensity of fire is reduced from the surface.

[Claim 2] A method according to claim 1, wherein said surface includes oil topped surfaces, water containing oil, saline water containing oil, earth, ground, dirt, mud gravel, land surrounding water bodies, sand, seashore, estuary, bay or gulf, oceans, lakes or rivers.

[Claim 3] A method according to, claim 1 wherein the crushed glass is crushed using an impact crusher, hammer mill, cone crusher or a roller crusher.

[Claim 4] A method according to claim 1, wherein the crushed glass is crushed using a roller crusher.

[Claim 5] A method according to claim 1 wherein the crushed glass is pre-crushed and pre-screened.

[Claim 6] A method according to claim 1, wherein the crushed glass is colored glass.

[Claim 7] A method according to claim 1, herein the crushed glass is further crushed and screened through at least one mesh.

[Claim 8] A method according to claim 7, wherein the mesh is an inch mesh.

[Claim 9] A method according to claim 1, wherein the crushed glass is screened through at least two meshes.

[Claim 10] A method according to claim 7, wherein the crushed glass is dried to at least 100°F after screening through the mesh.

[Claim 11] A method according to claim 7, wherein the crushed glass is dried to at least 350°F.

[Claim 12] A method according to claim 9, wherein the crushed glass is further screened through a 40 mesh, 30 mesh or 20 mesh.

[Claim 13] A method according to claim 1, wherein the oil adsorbed on the crushed glass is further recycled as petroleum silica based product, water repellent product, roof shingles, asphalt or fuel cake.

[Claim 14] A method of extinguishing oil fire from fire containing surfaces, comprising the step of: applying crushed glass to said surface, whereby quantity of fire is reduced from the surface, wherein the crushed glass is pre-crushed, pre-screened, crushed, dried and screened prior to application on the surface.

[Claim 15] A method according to claim 14, wherein the crushed glass is dried to temperature about 200–350°F.

[Claim 16] A method according to claim 14, wherein the crushed glass is screened with a 40 mesh.

[Claim 17] A method according to claim 14, wherein the oil adsorbed on the crushed glass is further recycled as petroleum silica based product, water repellent product, roof shingles, asphalt or fuel cake.

[Claim 18] An apparatus for extinguishing fire from fire containing surfaces, comprising:

an application member, wherein the application member is capable of applying crushed glass on the surface.

[Claim 19] An apparatus according to claim 18, wherein the application member is an extinguisher cartridge.

[Claim 20] An apparatus according to claim 18, wherein the crushed glass is pre-crushed, pre-screened, crushed, dried and screened prior to applying the crushed glass on the surface.

[Claim 21] An apparatus according to claim 20 wherein the crushed glass is screened with a 40 mesh.

[Claim 22] An apparatus according to claim 20 wherein the crushed glass is dried to a temperature about 200–350°F.

[Claim 23] An apparatus according to claim 18, wherein the oil absorbed on the crushed glass is further recycled as petroleum silica based product, water repellant product, roof shingles, asphalt or fuel cake.

[Claim 24] A method of preventing fire from an oil container, comprising the step of:

surrounding the oil container at least in part with a layer of crushed glass.

[Claim 25] A method according to claim 24, wherein the crushed glass is pre-crushed, pre-screened, crushed, dried and screened prior to surrounding the oil container with crushed glass.

[Claim 26] A method according to claim 25, wherein the crushed glass is screened with a 40 mesh.

[Claim 27] A method according to claim 25 wherein the crushed glass is dried to a temperature about 200–350°F.

[Claim 28] A method according to claim 24, wherein the oil container is an underground oil storage tank.